To: Hautman, Dan[Hautman.Dan@epa.gov]; Caporale, Cynthia[Caporale.Cynthia@epa.gov]

Cc: Burneson, Eric[Burneson.Eric@epa.gov]; Oshida, Phil[Oshida.Phil@epa.gov]; Grevatt,

Peter[Grevatt.Peter@epa.gov]; Lopez-Carbo, Maria[Lopez-Carbo.Maria@epa.gov]; Travers,

David[Travers.David@epa.gov]; Sayles, Gregory[Sayles.Gregory@epa.gov]; Carroll, Gregory[Carroll.Gregory@epa.gov]; Clark, Becki[Clark.Becki@epa.gov]; Wendelken,

Steve[Wendelken.Steve@epa.gov]; Smith, Glynda[Smith.Glynda@epa.gov]

**Sent:** Sat 1/25/2014 1:11:36 PM

Subject: RE: Urgent - Coordination of Water Sampling in WV

Dan

Thanks for the assistance. Cindy has been working on the analytical. We may reach out for tech assistance re the chemistry questions. Your help regarding hydrophobic/hydop

----Original Message-----

From: Hautman, Dan

Sent: Friday, January 24, 2014 5:35 PM To: Arguto, William; Caporale, Cynthia

Cc: Burneson, Eric; Oshida, Phil; Grevatt, Peter; Lopez-Carbo, Maria; Travers, David; Sayles, Gregory;

Carroll, Gregory; Clark, Becki; Wendelken, Steve; Smith, Glynda Subject: RE: Urgent - Coordination of Water Sampling in WV

## Bill/Cindy,

I'm not aware of any PPH methods for water but chemists on our staff (Steve Wendelken and Glynda Smith) may be able to assist and offer some advice. Don't hesitate to contact our office requesting assistance or if you'd like us engaged in technical discussions.

Daniel P. Hautman, TSC Deputy Director USEPA, OW, OGWDW, SRMD Technical Support Center (MS140) 26 W. Martin Luther King Dr. Cincinnati, Ohio 45268 513-569-7274 hautman.dan@epa.gov

----Original Message----

From: Clark, Becki

Sent: Friday, January 24, 2014 4:44 PM To: Hautman, Dan; Carroll, Gregory

Cc: Burneson, Eric; Oshida, Phil; Grevatt, Peter; Lopez-Carbo, Maria; Travers, David; Sayles, Gregory

Subject: Urgent - Coordination of Water Sampling in WV

Dan and Greg,

This message provides some further background to the voice mail message I just left for Dan.

I was on a call this afternoon with Chris Weis and Aubrey Miller of NIEHS and Greg Sayles of ORD. I understand that the state of West Virginia is seeking help from EPA to develop an analytical method for the set of glycol ethers in the product PPH, recently found to be released along with MCHM during the Elk River spill.

I believe R3 is involved (see the email trail below), but can you please reach out to your contacts there to get up to speed and offer our assistance? Greg Sayles can help with ORD assistance if needed.

Please call me if you have any questions (202) 564-3818 or (703) 966-3548. Thanks for your help!

Becki Clark, Deputy Director

Office of Ground Water and Drinking Water Office of Water

----Original Message-----

From: Werner, Lora

Sent: Friday, January 24, 2014 3:49 PM

To: Grant, Gregory L LTC USARMY (US); 'christopher.weis@nih.gov'; Arguto, William; Grevatt, Peter; Clark, Becki; Cseh, Larry F CAPT (US); Wright, DavidA; Burns, Francis; Capacasa, Jon; Caporale, Cynthia

Cc: 'letitia.tierney@wv.gov'; bucher@niehs.nih.gov; 'vck3@cdc.gov'; masten@niehs.nih.gov;

'miller.aubrey@nih.gov'

Subject: RE: Coordination of Water Sampling in WV

This is the MCHM method Raj from EPA ERT is referencing. Thank you.

Lora Siegmann Werner, MPH
Regional Director, Region 3
Division of Community Health Investigations Agency for Toxic Substances & Disease Registry
(ATSDR)/Centers for Disease Control & Prevention c/o EPA Region 3
1650 Arch Street
Mailstop 3HS00

Desk phone: 215-814-3141 Cell phone: 215-588-9778

Philadelphia, PA 19103

Fax: 215-814-3003

Emails (only need to use one): lkw9@cdc.gov and werner.lora@epa.gov

From: Singhvi, Raj

Sent: Friday, January 24, 2014 2:58 PM

To: Kelly, Jack (R3 Phila.); Werner, Lora; Gilbert, John; caporla.cynthia@epa.gov Cc: Carpenter, Angela; Compton, Harry; Heimerman, Jeffrey; Singhvi, Raj

Subject: Final SOP #1857 for 4-MCHM

Kelly,

Here is the SOP for 4-MCHM. This method was used for Region V for Art Smith -OSC (12 samples from Ohio river collected by USGS for ERT).

Thanks. -Raj

----Original Message-----

From: Grant, Gregory L LTC USARMY (US) Ex. 6 - Personal Privacy

Sent: Friday, January 24, 2014 3:17 PM

To: 'christopher.weis@nih.gov'; Arguto, William; Grevatt, Peter; Clark, Becki; Werner, Lora; Cseh, Larry F CAPT (US); Wright, DavidA; Burns, Francis; Capacasa, Jon

Cc: 'letitia.tierney@wv.gov'; bucher@niehs.nih.gov; 'vck3@cdc.gov'; masten@niehs.nih.gov;

'miller.aubrey@nih.gov'

Subject: Re: Coordination of Water Sampling in WV

All,

We have coordinated another conference call with all of you involved in the chemical detection of PPh and MCHM with the EPA Lab Manager and staff at Ft Detrick, MD

This is short notice but would benefit everyone to share information with EPA lab.

Conference Call: 3:30 pm today

Ex. 6 - Personal Privacy

Lt. Col. Grant,

I am the Lab Manager for the EPA R3 Laboratory. I was informed that you had some questions for us.

I can be reach at 410-305-2732 and am in the office today.

Thanks, Cindy

Cynthia Caporale, Chief OASQA Laboratory Branch U.S. EPA Region III Environmental Science Center Fort Meade, MD (410) 305-2732 Fax: (410) 305-3095

Greg Grant, LTC, WWARNG Commander 35th Civil Support Team (WMD) 5 Armory Drive Saint Albans, WV. 25177

Ex. 6 - Personal Privacy

Sent from my blackberry

---- Original Message -----

From: Weis, Christopher (NIH/NIEHS) [E] [mailto:christopher.weis@nih.gov]

Sent: Friday, January 24, 2014 01:59 PM

To: Arguto.william@Epa.gov <Arguto.william@Epa.gov>; Grevatt, Peter <Grevatt.Peter@epa.gov>; Becki Clark <clark.becki@epa.gov>; Werner, Lora <Werner.Lora@epa.gov>; Cseh, Larry F CAPT (US); wright.davida@epa.gov <wright.davida@epa.gov>; burns.fran@epa.gov <br/>
Capacasa, Jon <Capacasa.jon@epa.gov>

Cc: Grant, Gregory L LTC USARMY (US); letitia.tierney@wv.gov <letitia.tierney@wv.gov>; Bucher, John (NIH/NIEHS) [E] <bul>bucher@niehs.nih.gov>; Kapil, Vikas (CDC/ONDIEH/NCEH) <vck3@cdc.gov>;Masten, Scott (NIH/NIEHS) [E] <masten@niehs.nih.gov>; Miller, Aubrey (NIH/NIEHS) [E]miller.aubrey@nih.gov>Subject: Coordination of Water Sampling in WV

All,

Through Dr. Vik Kapil (Senior Medical Officer and Associate Director for Science at CDC/ATSDR) it is my understanding that the State of WV has now requested support from EPA on sampling and analysis for the Kanawha water system in West Virginia. HHS agencies have been providing science support to CDC/ATSDR (ESF 8) during the response including coordination with EPA. The list of individuals on this email are those who we (HHS) have been in communication with or were recommended by our contacts. I hope this facilitates discussion among those key individuals. Key contacts for the State of WV are:

Ex. 6 - Personal Privacy

Lt. Col. Gregory Grant is the person coordinating the sampling and analysis of the water system in WVA.

Letitia.Tierney@wv.gov<mailto:Letitia.Tierney@wv.gov> WV Health Department Contact.

[cid:46505F74-8626-4C11-9FFC-DAED6D3177F0]

Christopher P. Weis, Ph.D., DABT.
Toxicology Liaison / Senior Advisor
Office of the Director
National Institutes of Health
National Institute of Environmental Health Sciences
31 Center Drive, Room B1C02
Bethesda, MD 20892-2256
Ph: 301.496.3511

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